

DOBYCHIN, S.L.; ALESKOVSKIY, V.B.

Studying the kinetics of the extraction of metal traces from
solutions by the cementation method. Trudy LTI no.48:34-44 '58.
(MIRA 15:4)

(Cementation (Metallurgy))

DOBYCHIN, S.L.; ALESKOVSKIY, V.B.

Cementation method used for the concentration and determination of
microquantities of some metals. Trudy LTI no.48:45-48 '58.

(Cementation (Metallurgy)) (Metals--analysis) (MIRA 15:4)

DOBYCHIN, S.L.; KEDRINSKIY, I.A.

Concentration and polarographic determination of extra-small amounts
of copper, lead, and zinc in natural waters. Trudy LTI no.48:49-
55 '58. (MIRA 15:4)

(Metals--Analysis) (Water, Underground)

DOBYCHIN, S. L.: Master Chem Sci (diss) -- "Investigation of methods of concentrating some trace elements". Leningrad, 1959. 12 pp (Min Higher Educ USSR, Leningrad Order of Labor Red Banner Tech Inst im Leningrad Soviet, Chair of Analytic Chem), 150 copies (KL, No 16, 1959, 106)

SVESHNIKOV, G.B.; DOBYCHIN, S.I.; SHKORBATOV, S.S.

Possible role of electrochemical solution of sulfides in the
formation of aqueous halos of nickel dispersion. Uch. zap. LGU
no.286:142-148 '60. (MIRA 14:3)

(Geochemical prospecting)
(Nickel ores)

DOBYCHIN, S.L.; ZOZULYA, A.P.

Coulometric titration of p-quinone dioxime with electrogenerated
trivalent titanium. Zhur.anal.khim. 17 no.2:148-154 Mr-Ap '62.
(MIRA 15:4)

1. State Institute of Applied Chemistry, Leningrad.
(Benzoquinone) (Coulometry)

45603

S/080/63/036/001/022/026

D204/D307

//. 2/20

AUTHORS: Dobychin, S.L. and Smirnov, V.M.

TITLE: A study of the thermal decomposition
of ammonium nitrate by isotopic and
mass-spectrometric method

PERIODICAL: Zhurnal prikladnoy khimii, v. 36,
no. 1, 1963, 215 - 218

TEXT: The effects of NO_2 and HNO_3 on the initial
stage in the dissociation of NH_4NO_3 at $\sim 170^\circ\text{C}$ were studied to
determine the exact mechanism of this reaction. Specimens labelled
with N^{15} were used, and the decomposition products and isotopic
distribution were analyzed mass-spectrometrically. 100 mg samples
of NH_4NO_3 were weighed into Mo glass ampoules, which were then
evacuated to $10^{-5} - 10^{-7}$ mm Hg. N^{15}O_2 were added in amounts of
 $\sim 10\%$ (by weight) of the ammonium nitrate. The ampoules were
then held at $173 \pm 2^\circ\text{C}$ for 20 min and the products were analyzed.

Card 1/2

A study of the thermal ...

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The interaction of NO_2 and NH_3 were also studied at $170 - 200^\circ\text{C}$. It was found that isotopic exchange took place between the gaseous NO_2 and molten NH_4NO_3 . The decomposition was accelerated by HNO_3 and strongly accelerated by NO_2 . At $170 - 180^\circ\text{C}$, when N_2O_4 may still exist, NO_2 is the main catalyst; at higher temperatures (200°C) the auto-catalysis is ascribed to HNO_3 . The mechanism of the formation of nitrogen, postulated by Rozman (ZhPKh, 31, 7, 1101 (1958); O termicheskoy stoykosti ammiachnoy selitry [On the stability of ammonium nitrate], Leningradskiy inst. inzh. vodnogo transp. (1957)) is confirmed. There are 2 figures and 1 table.

SUBMITTED:

November 13, 1961

X

Card 2/2

DOBYCHIN, S.L.; TORSHINA, V.V.; SMOLINA, G.N.

Decomposition of monomethylamine on metallic molybdenum and
nickel. Kin. i kat. 5 no.4:658-665 J1-Ag '64.

(MIRA 17:11)

1. Gosudarstvennyy institut prikladnoy khimii.

ALESKOVSKIY, V.B., prof.; BARDIN, V.V.; BOYCHINOVA, Ye.S.;
BULATOV, M.I.; VASIL'YEV, V.P.; DOBYCHIN, S.L.; DUSHINA,
A.P.; KALINKIN, I.P.; KEDRINSKIY, I.A.; LIBINA, R.I.;
PRIK, K.Ye.; SETKINA, O.N.; KHEYFETS, Z.I.; YATSIMIRSKIY
K.B., prof.; VASKEVICH, D.N., red.

[Physicochemical methods of analysis ; a laboratory manual]
Fiziko-khimicheskie metody analiza; prakticheskoe rukovod-
stvo. Moskva, Khimiia, 1964. 451 p. (MIRA 17:12)

MOSKVINA, A.A.; KUZNETSOVA, L.V.; DOBYCHIN, S.L.; ROZOVA, M.I.

Microelementary analysis using gas chromatography. Determination of carbon, hydrogen, and nitrogen in organic compounds. Zhur. anal. khim. 19 no.6:749-753 '64. (MIRA 18:3)

1. Gosudarstvennyy institut prikladnoy khimii, Leningrad.

KUZNETSOVA, L.V.; STOLYAROVA, Ye.N.; DOBYCHIN, S.I.

Rapid gas chromatographic method for determining oxygen in
organic compounds. Zhur. anal. khim. 20 no.8:836-839 '65.
(MIRA 18:10)
L. Gosudarstvennyy institut prikladnoy khimii, Leningrad.

MARKEVICH, A.V.; LAKSHTANOV, V.Z.; DOBYCHIN, S.L.

Use of hydrogen as gas carrier in discharge detectors. Zhur.
prikl.khim. 38 no.11:2459-2464, N '65.

(MIRA 18:12)

1. Gosudarstvennyy institut prikladnoy khimii. Submitted
September 6, 1963.

L 45663-66 EWP(e)/ENT(m)/T/EWP(t)/ETI IJF(c) JD

ACC NR: AP6025459

(A)

SOURCE CODE: UR/0080/66/039/007/1468/1470

AUTHOR: Torshina, V. V.; Smolina, G. N.; Dobychin, S. L.

ORG: Leningrad State Institute of Applied Chemistry (Leningradskiy gosudarstvennyy institut prikladnoy khimii)

TITLE: Mass spectrometric investigation of evaporation of the hexaborides of certain metals

SOURCE: Zhurnal prikladnoy khimii, v. 39, no. 7, 1966, 1468-1470

TOPIC TAGS: vaporization, boride, cerium compound, barium compound, calcium compound, mass spectroscopy, heat of sublimation

ABSTRACT: The process of evaporation of CeB_6 , BaB_6 , and CaB_6 was studied in the 900-1700°C range under non-equilibrium conditions in vacuo and the heats of sublimation were determined. The hexaborides were vaporized by electron impact technique and the vapor compositions were monitored by the MS-4 mass spectrometer. It was found that during the heating of CeB_6 in vacuo at 1400-1900°C, two simultaneous processes occur: vaporization of CeB and its dissociation into elements. At temperatures below 1700°C, evaporation of CeB predominates while above 1700°C dissociation of CeB predominates. The dissociation energy of CeB was found to be 4.3 ev. It was found that heating of BaB_6 and CaB_6 invariably leads to their dissociation into elements which evaporate.

Card 1/2

UDC: 543.51+546.271

L 45663-66

ACC NR: AP6025459

The heats of sublimation for all three hexaborides are tabulated. Orig. art. has: 2 tables, 1 formula.

SUB CODE: 07/

SUBM DATE: 13Mar65/

ORIG REF: 005/

OTH REF: 003

Card 2/2 fv

L 52064-65

EWP(e)/EWT(m)/EWP(i)/EWP(t)/EWP(b)

IJP(e)

JD/JW/13

Card 1/4

L 52064-65

ACCESSION NR: ABE010077

1. The following information was obtained from the file of the subject:

1.1. The subject was born on 12/14/1914 in the city of [redacted]

1.2. The subject was educated at [redacted]

1.3. The subject was employed by [redacted] from [redacted] to [redacted]

1.4. The subject was married to [redacted]

1.5. The subject was a member of [redacted]

1.6. The subject was a member of [redacted]

1.7. The subject was a member of [redacted]

ml

Card 2/2

DOBYCHIN, Vadim Petrovich; DMITRIYEVA, A.I., red.; GINZBURG, L.N., red.:

[Problems in the theory and methodology of research in textile technology] Voprosy teorii i metodologii issledovaniy v tekstil'noi tekhnologii. Moskva, Izd-vo nauchno-tekhn.lit-ry RSFSR, 1960.
427 p. (MIRA 14:2)

(Textile industry)

BEPEZNEGOVSKAYA, L.N.; DOBYCHIN, V.Ye.

Medical flora of some central regions of Tomsk Province. East.reg.

1 no.3:383-390 '65.

(MIRA 18:10)

1. Tomskiy gosudarstvennyy meditsinskiy institut.

POMEL'TSOV, K.V., prof.; TIMASHEVA, Ye.D., kand.med.nauk; DOBYCHINA, A.I.

Four cases of microlithiasis of the pulmonary alveoli. Probl.tub.
38 no.7:94-98 '60. (MIRA 14:1)

1. Iz Instituta tuberkuleza (dir. - chlen-korrespondent AMN SSSR
prof. N.A. Shmelev) AMN SSSR.
(LUNGS—DISEASES)

SHMELEV, N.A., prof.; DOROZHKOVA, I.R.; DOBYCHINA, A.I. (Moskva)

Staphylococcal and toxico-allergic pneumonia in pulmonary tuberculosis. Vrach.delo no.3:3-8 Mr '63. (MIRA 16:4)

1. Tsentral'nyy institut tuberkuleza Ministerstva zdravookhraneniya SSSR. 2. Deystvitel'nyy chlen AMN SSSR (for Shmelev).
(STAPHYLOCOCCAL DISEASE) (PNEUMONIA) (TUBERCULOSIS)

DOBYCHINA, A.M.

Effect of anabasine oxalate on the rate of solution of
aluminum in hydrochloric acid. Uch.zap.MGZPI 2:124-131 '59.
(MIRA 13:4)
(Anabasine) (Aluminum) (Solution(Chemistry))

188310

25082

S/081/61/000/010/018/029
B117/B206

AUTHORS: Balezin, S. A., Dobychna, A. M.

TITLE: Investigation of the effect of inhibitors on the rate of dissolution of aluminum- and steel workpieces in hydrochloric acid solutions

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 10, 1961, 289, abstract 10/236 (10I236). ("Uch. zap. Mosk. gos. ped. in-ta im. V.I. Lenina", no.146, 1960, 176-182)

TEXT: It was established that in 1-3% HCl solutions the best inhibitors are: for aluminum alloys: ПБ-5 (PB-5), ПБ-8 (PB-8), and anabesine oxalate, and for steels: PB-5 and Urotropin, and of the mixtures. Urotropin and PB-5 at a ratio of 2.5% : 0.5%. [Abstracter's note: Complete translation.]

Card 1/1

27

S DOLYCHINA, A.P.

Surface Quality in Broaching. P. E. D'yachenko and A. P. Dolychina. (*Stenki i Instrument*, 1950, No. 3, 12-14). [In Russian]. The factors influencing the quality of a surface produced by broaching are considered. The distribution of plastic deformation during the broaching of a specimen of normalized steel is illustrated and graphs are given showing the dependence of surface roughness on cutting conditions for this specimen, as well as for those with lamellar pearlitic, granular pearlitic, and sorbitic structures, respectively.—a. x.

D'YACHENKO, P. YE., PROF., DOBYCHINA, A. P.

Turning

Residual stresses in high velocity lathe-turnings. Vest. mash. 31, No. 10, 1951.

9. Monthly List of Russian Accessions, Library of Congress, September, 1952 ~~1953~~. Unclassified.

DOBYCHINA, A.P.

DOBYCHINA, A.P. --"Investigation of Cold Hardening in Machining." Cand
Tech Sci, Moscow Machine Tool Inst imeni I.V. Stalin, 13 Jan 54.
(Vechernyaya Moskva 7 Jan 54)

SO: Sum 168, 22 July 1954

DOBYCHINA, A. P.

PHASE I BOOK EXPLOITATION NOV/3688

Almatsiya nauk SSSR. Institut mashinovedeniya. Komissiya po tekhnologicheskoy razrabotke i razrabotke. Seminar po kachestvu poverkhnosti

Kachestvo poverkhnosti detalей машин, sbornik 4. Tekhnologicheskiye faktory obrabotki. Metrologiya i pribory. Eksploatacionnyye svoystva poverkhnostnogo sloya (Surface Quality of Machine Parts, Collection of Articles, No. 4. Processing Factors in Machining. Metrology and Instruments. Operational Properties of the Surface Layer) Moscow, Izdatel'stvo Mashinovedeniya, 1979. 23 p. (Series: It's Time to slip insert). 3,200 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut mashinovedeniya.

Resp.: Ed.: P. Ye. D'yachenko, Professor; Ed. of Publishing House: G. M. Gorshkov; Tech. Ed.: T. F. Polonova.

PURPOSE: This collection of articles is intended for technical personnel concerned with the quality of surface finishes of machine parts.

CONTENTS: This collection of articles deals with problems of surface roughness and the effect of surface roughness on the wear, strength and fatigue life of machine parts. Among the topics discussed are: the effect of cutting feeds and cutting-tool vibration on the surface roughness of machined parts, the effect of lay direction on the wear of plane friction surfaces, methods and instruments for measuring surface roughness, and the processing of profilograms of finished surfaces. No personalities are mentioned. References follow several of the articles.

Chukmasov, S. F. Quality and Wear of Friction Surfaces 41

Beloglazko, P. V. Effect of Lay Direction on the Wear of Plane Friction Pairs 49

Shcherbakov, I. A. Use of the Cutting Process for Increasing the Fatigue Strength of Machine Parts 55

Chatynskiy, L. A.; P. Ye. D'yachenko, and O. Ye. Kostner. Solid Lubricants in Dry Friction 79

Papekov, D. D. Effect of Surface-Layer Quality on Fatigue Strength 85

Kas'yan, M. V. Some Problems of the Formation of the Surface Layer 93

Lut'skiy, G. B. Theory of the Working Cycle in Grinding as the Basis for Improving Machining Quality 98

Rikhsaylov, A. A. Effect of Process Factors in Grinding on the Surface Layer Quality of Chrome-Plated Parts 116

Kozlov, A. I. Roughness of Machined Surfaces in Precision and Coarse Turning of Steel 127

Dobychina, A. P. Instrument for Determining the Surface Roughness of Cutting Tools 137

Podolskiy, B. A. Thermal Phenomena in the Grinding of Quenched Hardened Steel 142

Grosinetskaya, Z. P. Surface Hardening of Metals by Ball Burnishing 158

Kisnerich, A. I. On the Problem of Surface Roughness of Machined Friction-Engaging Parts 164

Davydov, B. S. Simple Surface-Roughness Indicator 168

Kartashev, A. P. Photoelectric Method of Recording Surface Profiles 171

Elizavetov, Yu. V. "Kalibr-VII" Induction-Type, Profilograph-Profilometer 177

Borisyuk, A. I. Electric Circuit of the "Kalibr-VII" Profilograph-Profilometer 184

Truten', V. A. MVI-2 Opticomechanical Profilograph 193

Tishchenko, O. A. "Visual" Device for Measuring the Roughness of Ground Surfaces 199

S/122/61/000/004/006/007
D211/D305

AUTHOR: Dobychina, A.P., Candidate of Technical Sciences

TITLE: A device for quality control of the surface layer
without cutting

PERIODICAL: Vestnik mashinostroyeniya, no. 4, 1961, 71-74

TEXT: The staff of the measuring laboratory of BHMN (VNII) designed a device for the above purpose based on a method proposed by Professor P.Ye. Diyachenko (Ref.: Tekhnologicheskiye faktory i kachestvo poverkhnosti. Sb. "Progressivnaya tekhnologiya mashinostroyeniya". Mashgiz, 1951) consisting in determining the difference in the speed penetration of a diamond pyramid into the machined and non-machined metal. The device records the dependence curves of penetration depth on the load and enables one to determine the values of residual and elastic deformation. A diagram showing the device and graphs of the results of some experiments are given. There are 2 tables, 4 figures and 1 Soviet-bloc reference. ✓

Card 1/1

DOBYCHINA, A.P.

Instrument for nondestructive testing of the quality of a surface
layer. Trudy Sem.po kach.poverkh no.5:233-238 '61. (MIRA 15:10)
(Measuring instruments)

RUDNEV, A.V.; DOBYCHINA, A.P.

Turning nonferrous alloys and glass-reinforced textolite with
diamond cutting tools. Stan.i instr. 32 no.10:27-30 0 '61.
(MIRA 14:9)

(Turning)

1.4000

26889
S/121/61/000/010/002/005
D040/D113

AUTHORS: Rudnev, A.V., and Dobychna, A.P.

TITLE: Turning nonferrous alloys and glass-reinforced textolite with diamond cutters

PERIODICAL: Stanki i instrument, no. 10, 1961, 27-30

TEXT: The Vsesoyuznyy nauchno-issledovatel'skiy instrumental'nyy institut (All-Union Scientific Research Institute of Instruments) has conducted research on the external turning of nonferrous alloys and glass-reinforced textolite using diamond turning tools. The purpose of the study was to find the optimum cutting conditions and geometric shapes of the cutters, and to determine the durability, optimum wear, cutting forces, and degree and depth of workhardening caused by the cutters. The toolmaking technology was developed by NIIAlmaz. CT (ST) glass-textolite, BTZ -1 (VTZ-1) titanium alloy, AD 1 (AD1) duralumin, Бр. 0Ф 6,5-1,5 (Br. OF 6.5-1.5) bronze and ЛС59-В1 (LS 59-V1) brass were turned on a 1М 620 (1M620) universal thread-cutting lathe with a maximum 3000 rpm, fitted with a variable drive trans-

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S/121/61/000/010/002/005
D040/D113

Turning nonferrous alloys

mission for stepless control of spindle rpm. The surface roughness of cut materials was measured with a profilometer, a profilograph, and an **MIC-11** (MIS-11) double microscope. The investigation data are discussed and shown in graphs and tables. The optimum tool geometry, i.e. the tool tip angles, and optimum cutting parameters are given in a table (Table 2):

Material	Cutters geometry						Cutting parameters		
	φ°	φ_1°	α°	γ°	λ°	r mm	v m/min	s rpm	t mm
VTZ-1 titanium alloy	45	45	10	-5	0	1.0	300	0.03	0.03
AD1 duralumin	43	3	15	2	0	1.0	600	0.02	0.05
LS59-V1 brass	43	3	13	2	0	1.0	500	0.03	0.05
OF 6.5-1.5 bronze	45	45	15	-5	0	1.0	800	0.04	0.025
ST glass-textolite	45	45	10	-5	0	1.0	700	0.025	0.03

where v is cutting speed, s - feed in mm per revolution, t - cutting depth;

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S/121/61/000/010/002/005
D040/D113

Turning nonferrous alloys

γ° - back rake angle [Abstracter's note: φ° , φ_1° , α° , λ° , r - not defined]. The cutters are shown in a photograph. The following conclusions are drawn: (1) The described diamond tools may be recommended for external turning of nonferrous metals and glass-reinforced textolite on universal high-speed thread-cutting lathes with stepless rpm adjustment of the spindle in 2000-3000 rpm range and 0.01-0.1 mm/rev feed, i.e. on lathes with the same variable speed transmission as is used in the "LM62C" lathes of the zavod "Krasnyy proletariy" ("Krasnyy Proletariy" Plant). Vibration in the system's machine-workpiece-cutter must not exceed 30 cycles/sec frequency and 11 μ m amplitude at maximum rpm; (2) The surface finish produced by diamond cutters is up to class 9; (3) The cutting force components in turning nonferrous metal and glass-reinforced textolite with diamond cutters are in the range of 0.15-2.0 kg-f; (4) Deformation of surface on nonferrous metals turned with diamond cutters is 5-10 μ m deep and is insignificant; (5) The durability of diamond cutters at optimum wear of 0.14-0.18 mm is 20 times higher than the durability of carbide cutters. This results in longer operational cycle without set-up and higher accuracy of work. There are 7 figures and 4 tables. X

Card 3/3

AVER'YANOV, Ivan Yakovlevich, kand.sel'skokhoz.nauk; AZAROV, Georgiy
Semenovich; DOBYCHINA, I.N., red.; DEYEVA, V.M., tekhn.red.;
TRUKHINA, O.N., tekhn.red.

[Practice of having one cow feed several calves] Vyrashchivanie
teliat metodom gruppovogo podsosa. Moskva, Gos.izd-vo sel'khoz.
lit-ry, 1960. 56 p. (MIRA 14:2)
(Calves--Feeding and feeds)

KVAPILEV, A.I., kand. sel'khoz. nauk; SEREBRYAKOV, K.M., nauchnyy sotrud.;
DEMINA, M.P., kand. biolog. nauk; ZUSMAN, N.S., kand. biolog. nauk;
LEPESHKIN, V.I., nauchnyy sotrud.; LEONTYUK, S.V., kand. veter. nauk;
GUSEV, S.A., kand. veter. nauk; DOBYCHINA, I.N., red.; PROKOF'YEVA,
L.N., tekhn. red.

[Rabbit raising] Krolikovodstvo. Moskva, Gos. izd-vo sel'khoz. lit-
ry, 1960. 311 p. (MIRA 14:9)

1. Sotrudniki Nauchno-issledovatel'skogo instituta pushnogo zvero-
vodstva i krolikovodstva (for all except Dobychina, Prokof'yeva).
(Rabbits)

BOGDANOV, Mikhail Nikolayevich; IOFE, Nokhm Shleymovich; DOBYCHINA, I.N.,
red.; TRUKHINA, O.N., tekhn. red.

[Raising chicken for meat] Vyrashchivanie miasnykh tsypliat. Mo-
skva, Gos.izd-vo sel'khoz.lit-ry, 1961. 87 p. (MIRA 15:1)
(Poultry)

MILOVANOV, V.K., akademik; KUZ'MICHEV, A.V., red.; DOBYCHINA, I.N.,
red.; MAKHOVA, N.N., tekhn. red.; PEVZNER, V.I., tekhn. red.

[Biology of reproduction and artificial insemination of live-
stock; biological-zootechnical monograph] Biologiya vosproizve-
deniia i iskusstvennoe osemenenie zhivotnykh; biologo-
zootekhnicheskaiia monografiia. Moskva, Sel'khozizdat, 1962. 695 p.
(MIRA 15:6)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I.
Lenina (for Milovanov).

(Reproduction) (Artificial insemination)

DOROKHOV, S.M.; PAKHOMOV, S.P.; POLYAKOV, G.D.; DOBYCHINA, I.N.,
red.; GUREVICH, M.M., tekhn. red.

[Pond fish culture] Prudovoe rybovodstvo. Pod red. G.D.Poliakova.
Izd.2., ispr. i dop. Moskva, Sel'khozizdat, 1962. 263 p.

(MIRA 16:4)

(Fish culture)

GURZHIY, Fedor Mikhaylovich; DOBYCHINA, I.N., red.; OKOLELOVA,
Z.P., tekhn. red.

[Successes of poultry raisers on the "Maiak" Collective
Farm] Uspekhi ptitsevodov kolkhoza "Maiak." Moskva, Sel'-
khozizdat, 1963. 58 p. (MIRA 17:1)

1. Zaveduyushchiy ptitsevodcheskoy fermoy kolkhoza "Mayak"
Chigirinskogo rayona Cherkasskoy oblasti (for Gurzhiy).

ROSTOVTSEV, N.F., akademik, red.; DOBYCHINA, I.N., red.; BRUSANOV,
N.A., red.; BALLOD, A.I., tekhn. red.

[Amino acid nutrition of swine and poultry] Aminokislotnoe
pitaniye svinei i ptitsy; materialy. Pod red. N.F. Rostovtseva.
Moskva, Sel'khozizdat, 1963. 218 p. (MIRA 16:12)

1. Soveshchaniye po voprosam aminokislotnogo pitaniya sel'-
skokhozyaystvennykh zivotnykh, 1st, Khar'kov, 1962. 2. Vse-
soyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I.Le-
nina (for Rostovtsev).

(Swine--Feeding and feeds) (Poultry--Feeding and feeds)
(Amino acids)

KONDYREV, V.Ye., kand. sel'khoz. nauk; DOBYCHINA, I.N., red.

[Substitutes for whole milk in raising calves] Zameniteli
tsel'nogo moloka pri vyrashchivani teliat. Moskva, Izd-vo
"Kolos," 1964. 70 p. (MIRA 17:7)

SANEIKOV, M.I.; DOBYCHINA, I.N., red.

[Interbreeding various breeds in fine-wool sheep farming]
Mezhpородное skroshchivanie v tonkorunnom ovtsevodstve.
Moskva, Izd-vo "Kolos," 1964. 414 p. (MIRA 17:8)

VOLKOVA, L.P., kand. med. nauk (Leningrad, D-104, ul. Chekhova, d.16, kv.5);
DOBYCHINA, L.I.

Duodenal stasis in chronic pancreatitis. Vest. Khir. 91 no.10:
49-56 0 '63. (MIRA 17:7)

1. Iz 1-y kafedry obshchey khirurgii (zav. - prof. A.V. Smirnov)
i kafedry rentgenologii (zav. - prof. B.M. Shtern) Leningradskogo
sanitarno-gigiyenicheskogo meditsinskogo instituta (rektor - prof.
A.Ya. Ivanov).

DOBYCHINA, L.I. (Leningrad, K-32, Kondrat'yevskiy prospekt, d.40, kv.420)

X-ray examination of the stomach and duodenum in tumors of the pancreas. Vop. onk. 10 no.2:47-56 '64. (MIRA 17:7)

1. Iz kafedry rentgenologii (zav. - prof. B.M. Shtern) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (rektor - prof. A.Ya. Ivanov)

VOLKOVA, L.P., kand. med. nauk (Leningrad, B-104, ul. Chekhova, 16, kv.5);
DOBYCHINA, L.I.

Relationship between parapancreatic diverticula of the duodenum
and chronic pancreatitis. Vest. khir. 92 no.6:29-33 Je '64.

(MIRA 18:5)

1. Iz 1-y kafedry obshchey khirurgii (zav. - prof. A.V. Smirnov) i
kafedry rentgenologii (zav. - prof. B.M. Shtern) Leningradskogo
sanitarno-gigiyenicheskogo meditsinskogo instituta (rektor - prof.
A.Ya. Ivanov).

VOLKOVA, L.P., kand. med. nauk; DOBYCHINA, L.I.

Preoperative clinical X-ray diagnosis of tumors of the biliary tract. Khirurgiia 41 no.4:90-95 Ap '65.

(MIRA 18:5)

1. Kafedra obshchey khirurgii (zav. - prof. A.V. Smirnov) i kafedra rentgenologii (zav. - prof. B.M. Shtern) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.

VOLKOVA, L.P., kand. med. nauk; DOBYCHINA, L.I.

Calcareous pancreatitis. Vest. khir. 94 no.1:21-26 Ja '65. (MIRA 18:7)

1. Iz 1-y kliniki obshchey khirurgii (zav. -- prof. A.V.Smirnov) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.

DOBYCHINA, L.I.

Comparative evaluation of some methodologies of duodenography under conditions of induced hypotonia in diseases of the pancreas. Vest. rent. i rad. 39 no.3:39-41 My-Je '64.

(MIRA 18:11)

1. Kafedra rentgenologii (zav. - prof. B.M.Shtern) Ieningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.

Y
DOBYCHINA, L. A.

Organizatsiia pochtovoi sviazi SSSR. [Organization of postal service of the U.S.S.R].
Moskva, Sviaz'iz-dat, 1950. 248 p.

SO: SOVIET TRANSPORTATION AND COMMUNICATIONS, A BIBLIOGRAPHY, Library of Congress
Reference Department, Washington, 1952, Unclassified.

1. DOBYCHINA, L. IA.
2. USSR (600)
4. Dobychina, L. IA.
7. "Organization of postal communication in the U.S.S.R.' L. IA Dobychina,
Reviewed by H. Lobantsev, Sov.sviaz. no. 10, 1951.
9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

1. DOBYCHINA, L.
2. USSR (600)
4. Main Turkmen Canal
7. Good communication facilities should be provided for construction workers of the Main Turkmen Canal. Sov. sviaz. 3, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Uncl.

DOBYCHINA, L. Ya

USSR/Miscellaneous - Postal service

Card 1/1 Pub. 133 - 11/24

Authors : Dobychna, L. Ya., Assistant to Chief of Postal Service

Title : To improve mail delivery services

Periodical : Vest. svyazi 6, 19-20, June 1954

Abstract : The necessity for continuous improvement in mail delivery services, by the Post Offices of the USSR, is emphasized. The means of mail delivery in the USSR and its remote provinces are discussed.

Institution : ...

Submitted : ...

DOBYCHINA, Liya Yakovlevna; NOSONOVICH, N.D., redaktor; STRUKOV, A.N., redaktor; VEINTRAUB, A.B., tekhnicheskii redaktor

[Organization of the postal service of the U.S.S.R.] Organizatsiia
pochtvoi sviasi SSSR. Izd. 2-oe, perer. i dop. Moskva, Gos. izd-vo
lit-ry po voprosam sviasi i radio, 1955. 278 p. (MLRA 9:4)
(Postal service)

DOBYCHINA, L.Ya.
DOBYCHINA, L.Ya.

On issuing new postal regulations. Vest.sviazi 16 no.10:22-24 0 '56.
(MIRA 10:10)

1. Zamestitel' nachal'nika Glavnogo pochtovogo upravleniya
Ministerstva svyazi SSSR.

(Postal service--Laws and regulations)

ДОБЫЧИНА, Л. Я.

DOBYCHINA, L.Ya.

~~Provide high quality services for the population. Vest.svyazi 17~~
no.8:25-26 Ag '57. (MIRA 10:10)

1.Zamestitel' nachal'nika Glavnogo pochtovogo upravleniya
Ministerstva svyazi SSSR.
(Postal service)

DOBYCHINA, L.YA.

DOBYCHINA, L.Ya.

~~International letter week. Vest. svyazi 17 no.11:18-19 N '57.~~

(MIRA 10:12)

1. Zamestitel' nachal'nika Glavnogo pochtovogo upravleniya Ministerstva svyazi SSSR.

(Postal service)

6 (2)

SOV/111-59-10-13/23

AUTHOR: Dobychina, L.Ya., Deputy Chief

TITLE: Improvement of Service to the Population Is the Most Important Task of Postal Communications Workers

PERIODICAL: Vestnik svyazi, 1959, Nr 10, pp 21-23 (USSR)

ABSTRACT: This article deals very generally with a series of questions concerned with improvement of postal service in the USSR. The author treats the following subject briefly: construction and location of postal facilities and communications offices; during the seven-year plan 10,000 new fixed communications offices, and 4000 mobile ones will be opened; postal facilities isolated from settled areas, and the need to open many new communications offices in or near such areas during the seven-year plan; expansion of the network of mailboxes; in the period 1959-1965 it is intended to set up 150,000 new mailboxes; improvement of the facilities, equipment and service within post offices; accommodation of post office facilities; rudeness and red tape in postal service; in

Card 1/3

SOV/111-59-10-13/23

Improvement of Service to the Population Is the Most Important Task
of Postal Communications Workers

this connection the author cites the article "What Will Communications Workers Say?" ("Sovetskaya Rossiya", 1 August 1959), and mentions M.S. Filatova, assistant to the chief of the Brusnyanka communications office in the Tula oblast'; self-service facilities in the Moscow, Minsk and other post offices for the sale of envelopes, paper, and forms, and similar facilities at the Kiyev post office for the sale of newspapers; the reception of packages, etc. at institutions, organizations and enterprises as done at the Khar'kov post office; delivery of packages to homes, and apartment house mail boxes. Also treated is the subject of improving the quality of the work of postal enterprises; the author states that the number of complaints on this score has actually risen during the first quarter of 1959. The author dwells at length on delivery of papers and correspondence, and measures for its improvement, particularly greater utilization of air and motor transport facilities. Mechanization of postal production processes, including the all

Card 2/3

SOV/111-59-10-13/23

Improvement of Service to the Population Is the Most Important Task
of Postal Communications Workers

around mechanization (planned) of the 50 largest post
offices, is also dealt with. The author concludes with
anote on the subject of postal regulations and their re-
vision by the Glavnoye pochtovoye upravleniye ministers-
tva svyazi SSSR (Main Postal Administration of the Minis-
try of Communications of the USSR).

ASSOCIATION: Glavnoye pochtovoye upravleniye ministerstva svyazi SSSR
(Main Postal Administration of the Ministry of Communica-
tions of the USSR)

Card 3/3

DOBYCHINA, L.Ya.

Postal regulations should contribute to the solution of new problems. Vest. svyazi 21 no.7:15-16 J1 '61. (MIRA 16:7)

1. Zamestitel' nachal'nika Glavnogo pochtovogo upravleniya Ministerstva svyazi SSSR.
(Postal service)

DOBYCHINA, I. Ya.

Fortieth anniversary of the Soviet postage stamp. Vest. svyazi
21 no.8:19-20 Ag '61. (MIRA 14:9)

1. Zamestitel' nachal'nika Glavnogo pochtovogo upravleniya
Ministerstva svyazi SSSR.
(Postage stamps)

DOBYCHINA, Liya Yakovlevna; NOSONOVICH, N.D., otv. red.;
SIDOROVA, T.S., red.

[Organization of postal communication] Organizatsiia
pochtovoi sviazi. Moskva, Sviaz', 1965. 286 p.
(MIRA 18:9)

ACC NR: AP6012869

SOURCE CODE: UR/0118/66/000/004/0019/0019

AUTHOR: Dobyryn, V. V. (Engineer); Stabnikov, M. V. (Engineer); Turukhano, B. G. (Engineer)

ORG: none

TITLE: Automatic and inertia-free measurement of the geometric characteristics of objects

SOURCE: Mekhanizatsiya i avtomatizatsiya proizvodstva, no. 4, 1966, 19

TOPIC TAGS: quality control, measuring instrument, industrial automation

ABSTRACT: For accurate, rapid, and objective measurements of lengths, a device has been developed in the Physics Engineering Institute im. A. O. Ioffe (fiziko-tekhnicheskiy institut), a block diagram of which is shown (Fig. 1). The basic components of the instrument are: an illumination device with its supply unit, a light sensor or receiver, and a device designed to analyze and process the light signal received by the sensor. The measurement process takes place as follows: the object is positioned so that its edge or a "pennant" attached to its edge interrupts a part of the light beam from the illuminator to the sensor. The sensor is designed so as to make it possible to determine, with whatever degree of accuracy may be required, the location of the boundary of the object or of the "pennant" fastened to it. This boundary obviously

Card 1/3

UDC: 531.717.11

ACC NR: AP6012869

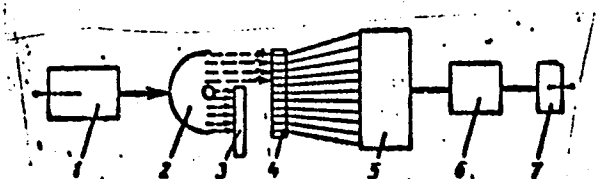


Figure 1. Diagram of the instrument

1- power-supply unit for pulse lamp IFK; 2- pulse flash lamp IFK; 3- object to be measured; 4- band with attached light-guides; 5- photoconverter holder; 6- ratio circuit to count the number of light-guides illuminated by the flash; 7- light-up display board or some other kind of display unit to indicate the size of test object

trical pulses which reach the circuit, whose function it is to count the number of illuminated fibers, i.e., to determine the size of the object. The results of this test are flashed on the display board with a test time of about 0.1 sec. The test repetition frequency is 2/sec. The unit can be adapted to provide readouts of different geometric characteristics and their

determines the length of the object, its diameter, etc. The receiver (Fig. 2) consists of a frame, fastened to which is a band with the light-guides (thin glass fibers) and a base for the photoelectric converters. Each light-guide is connected to an FO-1 photoelectric converter. The guides, 30 microns in diameter, are placed flush against each other on the band. These light ducts are faced with a layer of epoxy, and their ends are polished. The IR pulse lamp IFK is employed as the illuminator, and it is flashed during the measurement. The light strikes the open part of the fibrous light-guides, while the photocells connected to these guides give off elec-

Card 2/3

ACC NR: AP6012869

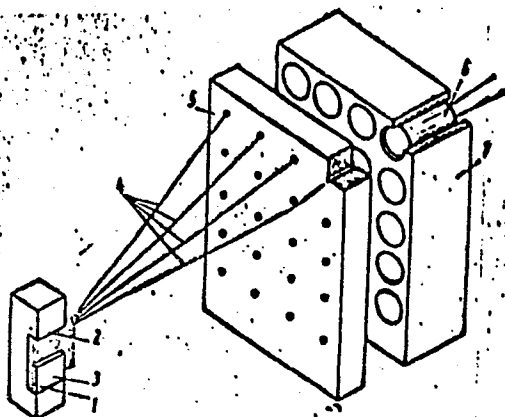


Fig. 2. Diagram of light-receiver

1 - light receiver; 2 - band; 3 - epoxy facing with aluminum powder; 4 - light-guides; 5 - guide branch plate; 6 - photoelectric converter; 7 - converter holder

CODE: 13,14/ SUBM DATE: none

SUB CODE: 13,14/ SUBM DATE: none

Card 3/3

representation on tape, photographic paper, etc. The dimensions of the objects to be measured may vary within wide tolerances, with the accuracy of the measurement depending on the diameter of the light-guides used. This diameter is in turn limited by diffraction on the edges of the object. The electronic circuitry is simple and reliable in operation, and may be used for automatic rejection of off-sized items.

Dobyshev, G.
USSR/ Electronics - Television transmission

Card 1/1 Pub. 89 - 20/30

Authors : Dobyshev, G.

Title : TV-relay installation

Periodical : Radio 6, 37 - 41, Jun 1955

Abstract : An amateur type TV-relay installation intended for relay of transmissions from the Moscow TV-center to the village of Laptevo near Tula is described. The device is capable of reliable relaying of TV transmissions from the Moscow center to localities 100 km away from Moscow. The relay principle and the structural characteristics of the relay arrangement are described. Diagrams; drawings.

Institution :

Submitted :

DOBYSH, G

USSR/Electronics - Television antennas

Card 1/1 Pub. 89 - 19/30

Authors : Dobysh, G.

Title : Zone of assured reception from the Moscow television center

Periodical : Radio 1, 40 - 42, Jan 56

Abstract : The zone around Moscow's television center within which reception may be considered as assured is discussed, a radius for this zone being set at 110 - 120 km. The possibility of reception at greater distances up to 150 - 170 km is considered, but it is explained that for this special antennas are required. The technical characteristics of various types of such antennas are described, prominent among them being the regular 4-stage antenna for distant reception and the rhomboid 4-stage antenna for distant reception. As such reception requires special amplification the technical data for designing, constructing and operating an adequate amplifier are presented. Drawings; circuit diagram.

Institution :

Submitted :

DOBYSH, G.

Maximum sensitivity of a television receiver. Radio no. 9:24-27
S '63. (MIRA 16:12)

DOBYSHEV, A.M.; CHERNYAK, A.A.

The SKNB transplanting machine. Biul.tekh.-skon.inform.
no.7:47-48 '60. (MIRA 13:7)
(Agricultural machinery)

DOBYSHEV, A. M., Cand Tech Sci -- "Study of the process of
planting ^{seeds} ~~edible-tuber seeds~~ ^{roots} and methods of its mechanization."
Kiev, 1961. (Min Agr^g UkSSR. Ukrainian Acad^{of} Agr^g Sci) (KL,
8-61, 242)

- 224 -

STEBLYANKO, F.I., inzh.; CHERNYAK, A.A., inzh.; DOBYSHEV, A.M., inzh.

Transplanting machines. Trakt. i sel'khoz mash. 31 no. 5:30-31 My '61.
(Nark. 14:5)
(Planters (Agricultural machinery))

COUNTRY : USSR
CATEGORY : Farm Animals.
General Problems.
ABS. JOUR. : RZhBiol., No. 3, 1959, No. 11914
AUTHOR : Dobysheva, S. G.
INSTIT. : Chelyabinsk State Experimental Station of
TITLE : An Experiment in Potato Siloing.
ORIG. PUB. : Byul nauchno-tekhn. inform. Chelyab. gos. s.-
kh opytn. st., 1958, No 1, 31-32
ABSTRACT : No abstract.

Card:

1/1 *Agriculture.

DOBYISHEVA, S.; BRYUKHANOVA, L.

Use of bulls from the Gorki Leninskiye Livestock Farm and their offspring for increasing the butterfat percentage of cows. Agrobiologiya no.4:496-500 J1-Ag '65. (MIRA 18:11)

1. Zaveduyushchaya otделom zhivotnovodstva Chelyabinskoy gosudarstvennoy sel'skokhozyaystvennoy opytной stanstii (for Dobyisheva). 2. Glavnyy zootekhnik opornogo punkta po povysheniyu zhirnosti moloka Respublikanskoy laboratorii pri Chelyabinskoy gosudarstvennoy opytной stantsii (for Bryukhanova).

DOBYTKO, N. A.

"Early Prosthetic Restoration and Surgical Treatment of the Oral Cavity." Cand Med Sci, Khar'kov State Medical Inst, Khar'kov 1955. (KL, No 11, Mar 55)

SO: Sum. No. 670, 29 Sep 55—Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

DOBYTKO, N.A. (Khar'kov)

Early prosthesis and surgical preparation of the oral cavity.
Probl. stom. 3:387-391 '56 (MLRA 10:5)
(DENTAL PROSTHESIS) (JAWS--SURGERY)

DOBYTKO, N.A., kand.med.nauk (Khar'kov)

Results of prosthesis with removable parts in paradentosis.
Probl.stom. 4:371-373 '58. (MIRA 13:6)
(GUMS--DISEASES) (DENTAL PROSTHESIS)

DOBYTKO, N.A.

Use of lightweight detachable prostheses in pyorrhea alveolaris.
Probl. stom. 5:96-100 '60. (MIRA 15:2)

1. Khar'kovskiy meditsinskiy stomatologicheskiy institut.
(DENTAL PROSTHESIS) (GUMS...DISEASES)

AVRAIMOVA, S.I. (Khar'kov); DOBYTKO, N.A. (Khar'kov); MAZNYUK, L.M.
(Khar'kov)

Ultraviolet irradiation in the compound therapeutic and ortho-
pedic treatment of paradentosis. Probl.stom. 6:109-115 '62.

(MIRA 16:3)

(GUMS—DISEASES) (ULTRAVIOLET RAYS—THERAPEUTIC USE)

Dobryzhskiy, B.L.

PLEASE I BOOM REFLECTION

307/5482

Techno-takmiche shury obobshchayemye v knizhnyy yazyk yazykovedeniya
svetloizobreteniya obshchestva

Sambanditaya i avtomatizatsiya mashinostroitel'nogo proizvodstva
stion and Automation in the Machine-Building Industry) Moscow,
1960. 710 p. 12,000 copies printed.

[illegible]

PURPOSE: This book is intended for instruction in elementary and intermediate planning.

[illegible]

5. Continuous and Intermittent Pouring Into Kettle, 7.2.3.

Engineer, U. S. Army, ~~Engineer, U. S. Army~~
 Medical Sciences
 Continents Touring

Continued from page 1

Simultaneous pouring of 2 1/2

inches of concrete over the

existing concrete floor.

72 (continued) S. I. Engineering Co.

7. Mechanism of formation of mold growths
 Examples of mechanism of mold growths and
 mechanism of reproduction of mold and
 mechanism of mold growths

Mechanizations of lines for shink-out.

03	Full mechanization of metal mold casting
03	Special casting machines (extremely rare)
03	Engineers

Production lines for metal mold casting
Mechanization of investment casting

9. Pneumatic Transport of Loose Materials (Veretannikov, T.I., N.Y.

Plumb, and V.O. Kniskern, Engineers)
Installation at Unalaska
Thematic treatment of road building structure
101

Pneumatic transport for molding mixture

[illegible]

1. Full Mechanisation of Press-Die Forging (Leningrad Poly. T.S.; and S.S. Kasariyev, Engineers) 111

Use of manipulators in the making of forgings	117
Purging equipment for the mechanization of time-consuming operations	117

2. System of Machines and Mechanisms for Stamping (Washchey, A.K., B.Y., Ts.A. Zhuravlev, V.V. Zechubina and V.A. Zhuravlev).

Dement, J., V.L. Maslova, M.D. Puchanin, and other members,

Engineers)

assigned assignment for lifting, turning, and transferring of

122

Mechanization and automation of auxiliary operations

Full mechanization of production lines

3. Mechanization and Automation of Die-Forging Equipment (*Stalinsk, 1972*, E.M. Alabrysk, I.I. Kiselev, B.L. Dobryshin, P.V. Rozentso, and 167

L.I. Verob'nyy, Engineers)
Examples of modernisation of equipment
automation of the thermal processes in
heating furnaces

Automatic and Semi-automatic Dies [with automatic feed and ejection]

166
N.Y., Candidate of Technical Sciences and N.Y. Potekushin,
(Railways) Engineer}

Automatic dies	Semiautomatic dies
161	173

5/5 6/75

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

1

POLAND / Microbiology. Microorganisms Pathogenic to
Humans and Animals.

F-3

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 33793

Author : Dobzhanskiy

Inst : Not given

Title : Antigenic Structure of Pathogenic Bacteria.

Orig Pub : Brief information on contents of reports on the problem of "Antigenic Structure of Pathogenic Bacteria" is given. The following reports are given: Mikulashek, E., "Bacteria Antigens (antigenicity, physico-chemical properties of antigens, specificity, capsulated and flagellate antigens, etc.)"; Zablotskiy, B., "Chemistry of Bacterial Antigens (the theoretical and practical significance of antigenic chemical structure study)"; Kozinskiy, A. V., "Bacterial Antigens as Phage Receptors". Reports on antigenic structure of some bacterial varieties were given by: Pakula, R., "Hemolytic Streptococci"; Slopek, S. and Mettsger, M.,

Card 1/2

POLAND / Microbiology. Microorganisms Pathogenic to Humans
and to Animals

F-3

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 33793

Abstract : "Shigella"; Mayzel, G., "Clostridia"; Parnas, I. and
collaborators, "Brucella"; and Zhutsidlo, L., "Tuber-
culosis bacillus".

Card 2/2

L 8888-66 EWT(d)/T/FSS-2 IJP(c)

ACC NR: AP5026970

SOURCE CODE: UR/0103/65/026/010/1867/1869

AUTHOR: ^{44, 55} Dobzhinskiy, B. N. (Leningrad) 60

ORG: None B

TITLE: Conditions for undistorted reproduction of a signal at the output of a lumped-constant filter

SOURCE: Avtomatika i telemekhanika, v. 26, no. 10, 1965, 1867-1869

TOPIC TAGS: signal detection, signal distortion, information theory, filter circuit, mathematic analysis

^{16, 44, 55} ABSTRACT: The author considers a filter with transfer function

$$\Phi(s) = \frac{\sum_{i=1}^m l_i s^{r-i}}{\sum_{i=1}^n k_i s^{r-i}}$$

(1)

where $m \geq r + 1$, s is the Laplacian, k_i and l_i are the time constants of the filter parameters.

Card 1/3

UDC 62-501.1:621.372.54.061

L 8888-66

ACC NR: AP5026970

A polynomial signal is fed to the filter input. The stationary error in signal reproduction at

$$g(t) = \sum_{i=0}^n \gamma_i t^i \quad (2)$$

the filter output is

$$e(t) = \sum_{i=0}^n \frac{C_i g^{(i)}(t)}{i!} \quad (3)$$

where

$$C_i = -\Phi^{(i)}(0), \quad g^{(i)}(t) = \frac{d^i g(t)}{dt^i} \quad (4)$$

and

$$N(t) = \sum_{i=0}^n l_i t^i, \quad M(t) = \sum_{i=0}^n k_i t^i \quad (5)$$

L 8888-66

ACC NR: AP5026970

are the error factors. The problem considered is the formulation of conditions under which the output signal is equal in the steady state to the input signal, i. e. $\epsilon(t)$ should be equal to zero. If it is assumed that all V_i in (2) are unequal to zero, and consequently $g(i)(t) \neq 0$ ($i = 0, 1, \dots, r$), then the problem reduces to finding the conditions where the error factors C_i are identical to zero. The author shows how this may be done by first deriving a general formula for calculating C_i . This general formula may be useful in various calculations of linear circuits. Only stable filters are considered in deriving a formula for undistorted reproduction conditions. Examples are given showing the possibilities for error reduction. Orig. art. has: 16 formulas.

SUB CODE: 17,09 / SUBM DATE: 24Apr64 / ORIG REF: 001

Country : USSR

K

Category: Forestry. Forest Cultures.

Abs Jour: RZhBiol., No 11, 1958, No 48809

Author : Dobzhanidze, Ye. D.

Inst : Georgian Agricultural Inst.

Title : The Growth and Development of the Black Locust.

Orig Pub: Nauchn. tr. stud. Gruz. s.-kh. in-t, 1957, 6-7,
90-94.

Abstract: No abstract.

Card : 1/1

DOBZHANSKIY, B.S.; MUSEVICH, A.

New soil map of Poland in the scale of 1:1,000,000. Pochvovedenie
no.5:18-20 My '59. (MIRA 12:8)
(Poland--Soils--Maps)

DOBZHINSKIY, B.N. (Leningrad)

Conditions for undistorted signal reproduction at the output of
a filter with lumped constants. Avtom. i telem. 26 no.10:1867-1869
O '65. (MIRA 18:10)

VERSHININ, Yu.N., kand. tekhn. nauk; DOBZHINSKIY, M.S.

Some electrical and physical properties of concrete. Trudy Sib. nauch.-issl. inst. energ. no.2:12-23 '64.

Dependence of the electrical strength of concrete on its porosity and mechanical strength. Ibid.:52-56

Electrical and physical properties of electrically conductive concretes. Ibid.:73-87

(MIRA 17:11)

DORSHINSKIY, M.S.

Electrically conductive composition materials with cement binding
bases. Trudy Sib. nauch.-issl. inst. energ. no.2:57-72 '64.

Electrical calculation of resistance-free conductive concrete
operating in a short-term duration load mode. Ibid.:82-90
(RUS 17:11)

BOBCHENKO, N. A., SVETLOV, V. V., STOLBUN, A. T., SOL ANIK, E. I., VITROVNIK,
M. V., STARITSKAYA, L. N., USHKOVA, A. K., LUKANEVA, A. N.

"Experience of physiological substantiation and inculcation of
rational nutrition for workers in hot shops."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists
and Infectionists, 1959.

MITEL'MAN, P.M.; AVERINA, I.V.; TOMENKO, Ye.K.; VEREZUB, L.G.; DOBZHINSKAYA, M.G.; KHODOROVA, Z.G.; ALTUYEVA, Ye.G.

Reactogenicity and immurological effectiveness of the new sorbed soluble pertussis-diphtheria-tetanus vaccine. Zhur. mikrobiol., epid. i immun. 41 no.4:70-73 Ap '64.

(MIRA 18:4)

1. Khar'kovskiy institut vaktsin i syvorotok imeni Mechnikova.

MITEL'MAN, P.M.; POPOVA, G.M.; VEREZUB, I.G.; DOBZHINSKAYA, M.G.;
STAROFINETS, Z.G.; FILONENKO, O.S.; PONOMARENKO, M.G.

Further study of a new adsorbed soluble pertussis-diphtheria-
tetanus vaccine. Zhur.mikrobiol., epid. i immun. / 1965, 12:
40-44 D '65. (MIRA 19:1)

1. Khar'kovskiy institut mikrobiologii, vaksin i syverotok
imeni Mechnikova.

92550

S/103/63/024/002/019/020
D201/D308

AUTHOR: Dobzhinskiy, B.N. (Leningrad)
TITLE: Selecting the error coefficients in a special case
of the filtration problem

PERIODICAL: Avtomatika i telemekhanika, v. 24, no. 2, 1963,
280-284

TEXT: The author considers a filter with a polynomial-type signal and delta-correlated noise at its input. The filter is optimized for the minimum of the signal dispersion. It is shown that in problems in which the error coefficients are not a priori given the optimum filtering becomes simply the averaging process with a constant weighting function. If the input contains white noise with a certain autocorrelation function, the above optimum filter becomes the only optimum filter for a very wide range of signal forms: for this case the expression for the error coefficients, corresponding to the values of terms of the signal polynomial, is derived. ✓B

SUBMITTED: July 9, 1962
Card 1/1

DOBZHINSKIY, B.N. (Leningrad)

Synthesis of an optimal system subject to the action of noise with correlation function $R_n(\tau) = \sigma^2 \exp(-\lambda|\tau|)$ and signal in the form of a polynomial with any number of terms. Avtom. i telem. 24 no.5:690-691 My '63. (MIRA 16:6)

(Automatic control)

ACCESSION NR: AP4014676

S/0108/64/019/001/0057/0062

AUTHOR: Chizhov, A. V.; Dobzhinskiy, B. N.

TITLE: Errors in measuring variable frequency by the counting-zeros method

SOURCE: Radiotekhnika, v. 19, no. 1, 1964, 57-62

TOPIC TAGS: FM variable frequency, FM variable frequency measurement, counting zeros frequency measurement, frequency measurement error

ABSTRACT: The counting-zeros method for the accurate measurement of "instantaneous" frequency in FM circuits is theoretically considered. Two types of error are inherent in the method: (1) the error due to the nonlinear nature of frequency variation and (2) the error due to the discrete-counting device. The relation between the values of these errors and the averaging time of measurement is investigated. This formula for selecting the averaging time is recommended:

Card 1/2

ACCESSION NR: AP4014676

$$\xi(\Delta_1, \max T_m, t_{\max}) > T_a > \frac{2}{\Delta_1, \max}$$

where Δ_1 and Δ_2 are errors due to the two causes mentioned above, T_m is the FM period, $t_{\max}$ is a moment of time corresponding to Δ_1 maximum, T_a is the averaging time, and ξ is a function $T_a = \xi(t_{\max} | \Delta_1, \max)$. Orig. art. has: 2 figures and 20 formulas.

ASSOCIATION: none

SUBMITTED: 02Mar62

DATE ACQ: 07Feb64

ENCL: 00

SUB CODE: GE

NO REF SOV: 000

OTHER: 001

Card 2/2

DOBZHITSKIY, L.P., mekhanik

Treatment of water for cooling piston air compressors with ammonium sulfate. Bezop.truda v prom. 6 no.8:29-30 Ag '62. (MIRA 16:4)

1. Kalininskaya rayonna gornotekhnicheskaya inspektsiya Upravleniya Donetskogo okruga Gosudarstvennogo komiteta pri Sovete Ministrov UkrSSR po nadzoru za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru.

(Air compressors—Cooling)

MATZ, Laszlo, dr.; DOBZSEVICS, Sandor, dr.

A pessary in the vagina for 20 years, causing cancer. Mag. noorv.
lap. 26 no.3:191-192 My '63.

1. Varosi Tanacs Korhaza Nagykanizsa (Igazgato: Fendler Karoly dr.)
Szulo-Nogyogyaszati Osztaly (Foorvos: Gedas Gyula dr.).
(VAGINAL NEOPLASMS) (PESSARIES) (UTERINE PROLAPSE)

RUMANIA/Plant Diseases - General

0. 1

Abs Jour : Ref Zhur - Biol., No 8, 1958, 34908

Author : Docca, E.

Title : New Plant Diseases Discovered in the Territory of Rumania.

Inst : Agricultural Institute for Agronomy.

Orig Pub : Anuarullucrar stiint. Inst. agron., 1957, 63-74.

Abstract : Described are the following plant diseases which were new in Rumania: Almond mildew (*Tranzschelia pruni-spinosae* (Pers) Diet); onion mildew (*Melampsora alli salicisalbae* Klebahn); a parasitic fungus of the horse radish (*Erysiphe communis* Wallr. Link); septoriosa of the water melon (*Septoria cucurbitacearum* Sacc.); parasitic fungus of the Chrysanthemum (*Oidium chrysanthemi* Rab.); brown spot of the leaves of *Tanacetum vulgare* L.f. Crispum DC

Card 1/2

RUMANIA/Plant Diseases. General

0.

Abs Jour : Ref Zhur - Biol., No 8, 1958, 34908

(*Ramularia tanacetii* Lindroth); and parasitic fungus of
Nicotiana glauca Dk et Otto (*Erysiphe cichoracearum* D.C.).
Methods and means of fighting these diseases are indica-
ted. -- D'yakova

Card 2/2

- 1 -